

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in this application:

1(Previously Presented). A light-emitting device comprising:

a display portion comprising a plurality of pixels formed over a substrate; and

a driver circuit formed over said substrate,

wherein all semiconductor elements in said display portion and said driver circuit are n-channel type semiconductor elements, and

wherein each of said plurality of pixels comprises a light-emitting element.

2(Currently Amended). A light-emitting device according to claim 1, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

3(Original). A light-emitting device according to claim 1, wherein said semiconductor elements comprise thin-film transistors.

4(Original). A light-emitting device according to claim 1, wherein said driver circuit comprises at least one of an EEMOS circuit and an EDMOS circuit.

5(Cancelled).

6(Previously presented). A light-emitting device according to claim 1, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an

image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

7(Previously Presented). A light-emitting device comprising:
a display portion formed over a substrate, said display portion comprising a switching element and a current control element; and
a driver circuit comprising an inverter circuit formed over said substrate,
wherein all semiconductor elements in said switching element, said current control element, and said inverter circuit are n-channel type semiconductor elements,
wherein said display portion comprises a plurality of pixels, and
wherein each of said plurality of pixels comprises a light-emitting element.

8(Currently Amended). A light-emitting device according to claim 7, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

9(Original). A light-emitting device according to claim 7, wherein said semiconductor elements comprise thin-film transistors.

10(Original). A light-emitting device according to claim 7, wherein said driver circuit comprises at least one of an EEMOS circuit and an EDMOS circuit.

11(Cancelled).

12(Previously Presented). A light-emitting device according to claim 7, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

13(Previously Presented). A light-emitting device comprising:

a display portion comprising a plurality of pixels formed over a substrate; and

a driver circuit formed over said substrate,

wherein said driver circuit comprises a decoder circuit containing a plurality of NAND circuits, and

wherein all semiconductor elements in said plurality of NAND circuit are n-channel type semiconductor elements, and

wherein each of said plurality of pixels comprises a light-emitting element.

14(Original). A light-emitting device according to claim 13, wherein said semiconductor elements comprise n n-channel type semiconductor elements connected in series, and n n-channel type semiconductor elements connected in parallel.

15(Currently Amended). A light-emitting device according to claim 13, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

16(Original). A light-emitting device according to claim 13, wherein said semiconductor elements comprise thin-film transistors.

17(Original). A light-emitting device according to claim 13, wherein said light-emitting device is an electro-luminescent display device.

18(Previously presented). A light-emitting device according to claim 13, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

19(Previously Presented). A light-emitting device comprising:
a display portion comprising a plurality of pixels formed over a substrate; and
a driver circuit comprising a buffer circuit formed over said substrate,
wherein all semiconductor elements in said buffer circuit are n-channel type
semiconductor elements, and
wherein said buffer circuit comprises a first semiconductor element and a second
semiconductor element connected in series with said first semiconductor element, and a gate of
said second semiconductor element is connected to a drain of said first semiconductor element,
and
wherein each of said plurality of pixels comprises a light-emitting element.

20(Currently Amended). A light-emitting device according to claim 19, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

21(Original). A light-emitting device according to claim 19, wherein said semiconductor elements comprise thin-film transistors.

22(Cancelled).

23(Previously presented). A light-emitting device according to claim 19, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

24(Previously Presented). A light-emitting device comprising:
a display portion comprising a plurality of pixels formed over a substrate; and
a driver circuit comprising a decoder circuit formed over said substrate, said decoder circuit comprising a plurality of NAND circuits and a buffer circuit,
wherein all semiconductor elements in said plurality of NAND circuits and said buffer circuit are n-channel thin film transistors, and
wherein said buffer circuits comprises a first thin film transistor and a second thin film transistor connected in series with said first thin film transistor, and a gate of said second thin film transistor is connected to a drain of said first thin film transistor, and
wherein each of said pixels comprises a light-emitting element.

25(Currently Amended). A light-emitting device according to claim 24, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

26(Cancelled).

27(Previously presented). A light-emitting device according to claim 24, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

28(Previously Presented). A light-emitting device comprising:

a display portion comprising a plurality of pixels formed over a substrate; and
a driver circuit formed over said substrate,

wherein said driver circuit comprises a shift register containing a plurality of flip-flop circuits comprising enhancement-type n-channel thin film transistors and depletion-type n-channel thin film transistors,

wherein all semiconductor elements in said display portion and said driver circuit are n-channel type semiconductor elements, and

wherein each of said plurality of pixels comprises a light-emitting element.

29(Currently Amended). A light-emitting device according to claim 28, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

30(Cancelled).

31(Previously presented). A light-emitting device according to claim 28, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

32(Previously Presented). A light-emitting device comprising:

a display portion comprising a plurality of pixels formed over a substrate; and

a driver circuit formed over said substrate,

wherein said driver circuit comprises a shift register containing a plurality of flip-flop circuits comprising enhancement-type n-channel thin film transistors and depletion-type n-channel thin film transistors, and comprises a plurality of NAND circuits comprising enhancement-type n-channel thin film transistors and depletion-type n-channel thin film transistors,

wherein all semiconductor elements in said display portion and said driver circuit are n-channel type semiconductor elements, and

wherein each of said plurality of pixels comprises a light-emitting element.

33(Currently Amended). A light-emitting device according to claim 32, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

34(Cancelled).

35(Previously presented). A light-emitting device according to claim 32, wherein said

light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

36(Previously Presented). A light-emitting device comprising:
a display portion comprising a plurality of pixels formed over a substrate; and
a driver circuit formed over said substrate,
wherein each of said plurality of pixels comprises a plurality of enhancement-type n-channel thin film transistors and a plurality of depletion-type n-channel thin film transistors,
wherein all semiconductor elements in said display portion and said driver circuit are n-channel type semiconductor elements, and
wherein each of said plurality of pixels comprises a light-emitting element.

37(Currently Amended). A light-emitting device according to claim 36, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

38-39 (Canceled).

40(Previously presented). A light-emitting device according to claim 36, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

41(Previously Presented). A light-emitting device comprising:

a display portion comprising a plurality of pixels formed over a substrate; and

a driver circuit formed over said substrate,

wherein each of said pixels comprises an SRAM formed by a plurality of enhancement-type n-channel thin film transistors and a plurality of depletion-type n-channel thin film transistors,

wherein all semiconductor elements in said display portion and said driver circuit are n-channel type semiconductor elements, and

wherein each of said plurality of pixels comprises a light-emitting element.

42(Canceled).

43(Currently Amended). A light-emitting device according to claim 41, wherein said substrate ~~comprises~~ is a plastic substrate covered with a protective film.

44(Canceled).

45(Previously Presented). A light-emitting device according to claim 41, wherein said light-emitting device is incorporated in one selected from the group consisting of an EL display, an image playback device, a personal computer, a video camera, a digital camera, a mobile computer, a mobile telephone, and an audio.

46(Currently Amended). A light-emitting device according to claim 28, wherein each of

said plurality of flip-flop circuits comprises ~~E-type TFT~~ an enhancement-type n-channel thin film transistor and two circuits.

47(Previously Presented). A light-emitting device according to claim 46, wherein one of the circuits is an EEMOS circuit.

48(Previously Presented). A light-emitting device according to claim 46, wherein one of the circuits is an EDMOS circuit.

49(Previously Presented). A light-emitting device according to claim 46, wherein each of said plurality of flip-flop circuits further comprises an inverter circuit.

50(Previously Presented). A light-emitting device according to claim 28, wherein one of the enhancement-type n-channel thin film transistors are electrically connected with one of the depletion-type n-channel thin film transistors.

51(Previously Presented). A light-emitting device according to claim 46, wherein said plurality of flip-flop circuits are connected in series.

52(New). A light-emitting device according to claim 1, wherein a semiconductor elements in the display portion has at least two channel forming regions.

53(New). A light-emitting device according to claim 7, wherein a semiconductor

elements in the display portion has at least two channel forming regions.

54(New). A light-emitting device according to claim 13, wherein a semiconductor elements in the display portion has at least two channel forming regions.

55(New). A light-emitting device according to claim 19, wherein a semiconductor elements in the display portion has at least two channel forming regions.

56(New). A light-emitting device according to claim 24, wherein a semiconductor elements in the display portion has at least two channel forming regions.

57(New). A light-emitting device according to claim 28, wherein a semiconductor elements in the display portion has at least two channel forming regions.

58(New). A light-emitting device according to claim 32, wherein a semiconductor elements in the display portion has at least two channel forming regions.

59(New). A light-emitting device according to claim 36, wherein a semiconductor elements in the display portion has at least two channel forming regions.

60(New). A light-emitting device according to claim 41, wherein a semiconductor elements in the display portion has at least two channel forming regions.